POWER ACOUSTIK

PBLUE-2
Bluetooth® Hands-free Car Kit

User Manual

RoHS Compliant

Environmental friendly

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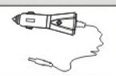
I. Package Contents

	Accessories	Status
	1 x Car Charger	Provided
	3 x AAA Rechargeable Batteries	Provided
	4 x Double Sided Tape	Provided
	2 x Suction Cup	Provided
	1 x Metal Stand	Provided
	1 x Air Vent Clip	Provided
	1 x Alcohol Prep Pad	Provided

Warning: Use only rechargeable batteries.

II. Profile and Its Function

II-1 Profile (Fig.1)

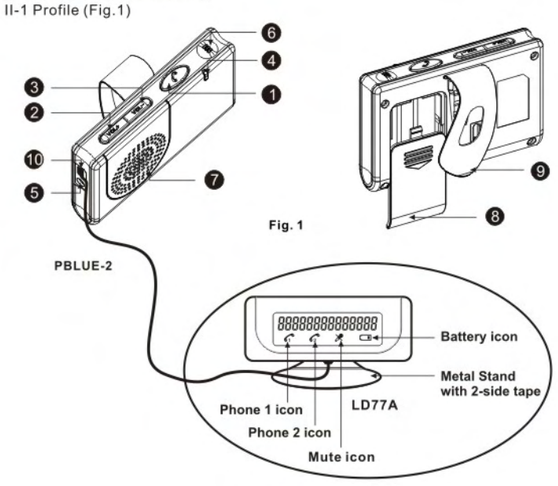


Fig. 1

1. On/Off
2. Volume Up
3. Volume Down
4. LED
5. DC Socket
6. Microphone
7. Speaker
8. Battery Door
9. Visor Clip
10. LCD Socket

II-2 Function (please refer to Fig.1)

II-2-1 On/Off
If you press "On/Off ", you can:
- Switch on and Off
- Pair
- Answer a new call
- Reject a call
- Make a new call using voice dialing

II-2-2 Volume Up
- Increase the speaker volume
- To mute/un-mute the microphone

II-2-3 Volume Down
- Redial the last dialed number
- Decrease the speaker volume
- Answer call waiting

II-2-4 LED
There are two LED colors (blue and red) to indicate the state of this Car-Kit.

II-2-5 DC Socket
It serves as a recharging power socket for rechargeable batteries or supplies the power to the Car Kit when the car charger is connected to your car.

II-2-6 Built-in Microphone
It allows you and your friend at far end to communicate with quality voice.

II-2-7 Speaker

II-2-8 Battery Door
Loading and unloading rechargeable batteries by opening the battery Door.

II-2-9 Visor Clip
Clip the hands-free Car Kit under your car's sun visor.

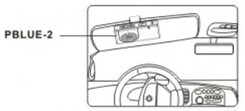
II-2-10 LCD Socket

III. How to Use

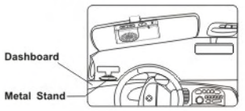
III-1 Installation of Hands-free Carkit.

• **Dashboard mounting method**

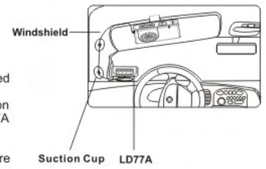
1.Clip the PBLUE-2 on the sun visor



2.Attach the LD77A LCD display on the desired position
A. Use the alcohol pad to clean the position on dashboard where you want to attach LD77A LCD display.
B. Tear off double sided tape cover paper.
C. Stick the metal stand on dashboard where you cleaned by alcohol pad.

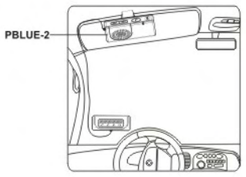


3.Connect LD77A LCD display with PBLUE-2
A.Plug the LCD wire into PBLUE-2 LCD socket.
B.Slide the LD77A LCD display into the metal stand.
C.Fix LD77A LCD display wire on windshield by suction cups.

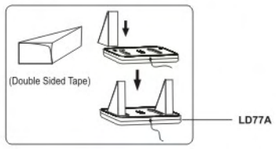


• **Windshield mounting method**

1.Clip the PBLUE-2 on sun visor

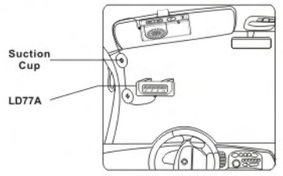


2.Stick double side tapes on backside of LD77A LCD display.



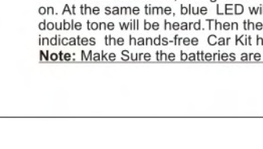
Note: 2 pcs extra double side tapes are spare parts for your future use.
Tear off cover paper of double sided tapes, short side is for sticking on LCD, long side is for sticking on windshield.

3.Attach LD77A LCD display on windshield and connect it with PBLUE-2.
A. Use the alcohol pad to clean the windshield where you want to attach LD77A LCD display.
B. Plug the LCD wire into PBLUE-2 LCD socket.
C. Stick LD77A LCD display on windshield where you cleaned by alcohol pad.
D. Fix LD77A LCD display wire on windshield by suction cup.



• **Air vent mounting method**

1.Clip the PBLUE-2 on sun visor



3.Connect LD77A LCD display with PBLUE-2
A. Plug the LCD wire into PBLUE-2 LCD socket.
B. Clip LD77A LCD display on the desired air vent window.
C. Fix LD77A LCD display wire on windshield by suction cups.

2.Slide LD77A LCD display into air vent clip

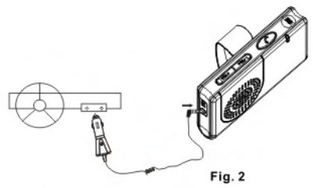


Fig. 2

III-2 Charge the Batteries (please refer to Fig.2)
Thank you for buying the PBLUE-2, *Bluetooth* Hands-free Car Kit.
Before you use for the first time, please charge the batteries for 6 hours.
After the first time, you can fully charge your low batteries in 4 hours.
Warning: Use only rechargeable batteries.

III-3 Turn on the Hands-free Car Kit
If the Hands-free Car Kit is powered off, press and hold "On/Off " for 2 seconds. A long tone will indicate that the hands-free Car Kit has turned on. At the same time, blue LED will flash for a second. And then, blue LED will keep on flashing every 3 seconds.

III-4 Pair the Hands-free Car Kit with Your *Bluetooth* Mobile Phone

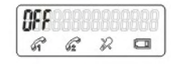
III-4-1 Put the hands-free Car Kit in pairing mode
When the hands-free Car Kit is powered off, press and hold "On/Off "for 5 seconds. In the first 2 seconds,a long tone will indicate that the hands-free Car Kit has turned on. At the same time, blue LED will flash for a second. At the end of 5 seconds,a double tone will be heard.Then the red and blue LEDs will flash alternatively, which indicates the hands-free Car Kit has entered into the pairing mode.
Note: Make Sure the batteries are fully charged.

III-4-2 Put your *Bluetooth* Mobile Phone in pairing mode
III-4-2-1 Follow the operation manual of your *Bluetooth* mobile phone to start the pairing process. Typically, this has to be done by going to a setup or connect menu and then selecting the options to discover *Bluetooth* devices. *Bluetooth* may take several seconds to establish a connection.
III-4-2-2 Your phone's display will indicate that it has found the new device "PBLUE-2". When you want to pair it, the phone's display would demand a passkey or PIN, then you can enter a sequence of "**0000**".

III-4-3 Pair the hands-free Car Kit with your *Bluetooth* Mobile Phone
Theblue LED of hands-free Car Kit will flash every 3 seconds indicating successful pairing. The phone may also ask whether you want to change the Car Kit's name. We recommend you should approve the name of "PBLUE-2" and do not change it.
Note: Make sure if pairing does not occur as expected, turn off the hands-free Car Kit and your phone, then wait for 10 seconds. Turn on them again and repeat from Step 4-1 to Step4-3.

III-5 Establish *Bluetooth* Link
After pairing, the mobile phone usually has "connect" menu. Please select it to establish the link. A beep tone will indicate that the Car Kit is connected. Now you are ready to make and answer calls on the hands-free Car Kit.

III-6 2-link operation and its LCD display status
The Car Kit is able to connect to 2 mobile phones at the same time.

Pair with the first mobile phone (III3-4).	
Switch off the PBLUE-2, and then switch on again to enter into pairing mode(the Blue & Red LEDs will flash alternatively which indicates the Car Kit has entered into the pairing mode).	
Pair with the second mobile phone (III3-4).	
Connect to the first mobile phone (III-5).	
Connect to the second mobile phone(III-5).	

It will operate with the last connected or activated mobile phone and automatically switch between them.
Note: While connecting the Car Kit to a mobile phone, do not operate it with another phone.

III-7 LCD display general status

7.1 On / Off and Pairing

When the car kit is turned on and idle, the LCD displays "READY".	
When the Car Kit is in pairing mode, the LCD screen displays "PAIRING".	
While the car kit is connecting to the mobile phone, the LCD screen displays "CONNECTING".	
After the car kit has connected to the mobile phone successfully, the LCD screen displays "CONNECTED".	
When the car kit is being turned off, the LCD displays "OFF" with LED on for a few seconds. When the car kit is still in connection with power, the LCD displays "OFF" without LED on.	

7.2 Calling in

When there is an incoming call, the LCD screen displays Caller ID if it is received or "RINGING". Note: Some mobile phones may not display Caller ID via this LCD Display unit.	8522 19 18099 OR RINGING rinGinG
When the call is answered, the LCD screen displays "ON LINE".	On LinE
In case the call is rejected, it will go back to standby state and the LCD screen displays "CONNECTED".	ConnECtEd

7.3 Calling out

When there is an outgoing call from the mobile phone, the LCD screen displays "CALLING".	CALLinG
When the call is made successfully, the LCD screen displays "ON LINE".	On LinE

7.4 On Line

When you are talking on line, the LCD screen displays "ON LINE".	On LinE
Whenever the Volume Up key or Volume Down key is pressed, the LCD screen displays " VOL" and the current volume setting for 2 seconds.	VOL-15
If you mute the microphone, the mute icon will be turned on. And it stays on until you cancel it.	On LinE
When there is another call incoming while you are on line, the LCD screen will show Caller ID if it is received or "CALL WAITING". Note: 1. Some mobile phones may not display "CALL WAITING" or Caller ID via this LCD Display unit. 2. Some phones may not support this feature.	8522 19 18099 OR CALL WAITING CALL waitinG
When the call is ended, it will go back to the standby state. The LCD screen displays "CONNECTED".	ConnECtEd

7.5 Battery charging

Battery Low: Battery icon appears.	ConnECtEd
Recharging during Power On: Battery icon flashes.	ConnECtEd
Fully Charged during Power On: Battery icon disappears.	ConnECtEd
Recharging during Power Off:Battery icon flashes. The LCD screen displays "CHARGING".	ChArGinG
Fully Charged during Power Off: Battery icon disappears. The LCD screen displays "BATT FULL".	bAtt FULL

Note: icon will be shown instead if the Car Kit is operating with mobile phone 2.

III-8 Answer an Incoming Call

When an incoming call is present, the hands-free Car Kit will ring. Press "On/Off" and you can answer the call. The blue LED will continue to flash once a second while the call is in session.

III-9 Transfer Calls between This Hands-free Car Kit and Your *Bluetooth* Phone

When you are in session,calls can be transferred from your *Bluetooth* phone to the hands-free Car Kit and vice versa.

III-9-1 From *Bluetooth* phone to the Car Kit
Press "On/Off " once, the call will be transferred to the Car Kit.

III-9-2 From Car Kit to the *Bluetooth* Phone
Please follow the operation manual of your phone.

III-10 Make a New Call by Using Voice Dialing

III-10-1 When using a *Bluetooth* Mobile Phone:

III-10-1-1 Press "On/Off " on the hands-free Car Kit shortly when the Car Kit is standby.

Note: Make sure that the voice dialing function is properly set up in the mobile phone and it is within the range of the hands-free Car Kit.

III -10-1-2 Put through the call
After the beep tone on the hands - free Car Kit,you can make a voice dial by saying the name of the person on the hands - free Car Kit. The call will be connected in a few seconds.

III-10-2 When using a mobile phone without *Bluetooth* built-in and requiring a *Bluetooth* dongle:

III -10-2-1 Press "On/Off "on the hands-free Car Kit shortly when the Car Kit is standby.

Note: Make sure that the voice dialing function is properly set up in the Mobile phone and it is within the range of the hands-free Car Kit.

III -10-2-2 Put through the call
After the beep tone on the hands-free Car Kit, you can make a voice dial and the call will be connected in a few seconds.

III-11 Answer the call waiting

During the active call in session if another call is coming,pressing"Volume Down" for 2 seconds will make the mobile phone switch to the waiting call and place the active call on hold. Press "Volume Down" for 2 seconds again, mobile phone will come back to the first active call.

III-12 Mute the Microphone

III-12-1 To mute a call
Press"Volume Up" for 2 seconds and a beep tone will indicate the microphone is muted.A periodic reminder tone will be heard while the mute function is active.

III-12-2 To un-mute a call
When the microphone is muted, press "Volume Up" for 2 seconds. Then the mute is released and the periodic reminder tone will stop.

III-13 End a Call

While a call is in session on the hands-free Car Kit,press "On/Off "and you will disconnect the call. A long tone will indicate that the call has ended. After the call is disconnected, the blue LED will flash normally.

III-14 Reject a Call

When the hands-free Car Kit is ringing, press "On/Off "for 2 seconds. Ringing will stop and a long tone will indicate that the call is rejected.

III-15 Redial Last Dialed Number

To redial the last dialed number, press " Volume Down" for 2 seconds when the Car Kit is standby. A beep tone will indicate an attempt to redial.

III-16 Adjust the Speaker Volume

While a call is in session,pressing and releasing "Volume Up"will increase the speaker volume, and pressing and releasing "Volume Down " will decrease the speaker volume. A double tone will be heard whenever the volume limit is reached.

III-17 Recharge the Low Batteries

The LED of this Car Kit will flash red instead of blue when the battery are low. There will also be a tone every 2 minutes. Please connect the charger cable to the Car Kit.

III-17-1 During recharging
The LED shows a steady red light if the Car Kit is off, and the red light will dim once every 3 second while the Car Kit is on.

III-17-2 Fully charged
A steady blue LED represents the Car Kit is off and fully charged. And a blue LED dims once every 3 seconds while the Car Kit is on and fully charged.

Note: When the battery level is too low, the hands-free Car Kit will automatically power off. It cannot be powered on again unless the batteries are sufficiently charged.

III-18 Turn off the Hands-free Car Kit

When the hands-free Car Kit is on, press and hold "On/Off " for 5 seconds. A long tone will indicate that the Car Kit starts to power off. LED continues to flash for a few seconds. At last LED will turn off and the Car Kit is powered off.

III-19 VoIP with USB Dongle

USB Bluetooth dongle

Plug a USB Bluetooth Dongle into your computer, follow the pairing and connecting procedure to link up your Car Kit. Once it is properly set up using the VoIP function, you can use the Car Kit as a speaker phone to enjoy wireless telephone conversation with your friends. Your Car Kit can be used in car, or conveniently be used as a speaker conferencing unit in the office or at home any time.

III-20 Auto connection to the *Bluetooth* Mobile Phone

The Car Kit has already been paired with a Bluetooth mobile phone. If it is turned off and turned on again, it will search for available Bluetooth link. If the previously paired mobile phone's Bluetooth feature is on, the Car Kit and the mobile phone will re-establish the Bluetooth link automatically.

III-21 Auto power off

In order to save power, the Car Kit will turn off automatically after it is disconnected from the Bluetooth link for an hour.

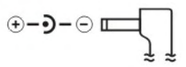
IV. Maintenance and Safe Use

- Use dry cloth to clean hands-free Car Kit!
- Recycle the batteries after their life time!
- Do not expose the Car Kit to liquid or moisture!
- Do not expose the Car Kit to fire or open flames!

V. Electrical Power Specification of Car Charger /AC Power Adaptor for PBLUE-2

The electrical power specification of car charger/AC adaptor for PBLUE-2 Bluetooth Car Kit is as follows:

Input: 11-24VDC
Output: 5V⎓1.0A



Disclaimer:

Talk time and stand-by time of the *Bluetooth* Car Kit will vary depending on mobile phone model being used.

Note: BQB, CE and FCC approved

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Bluetooth functions and operations may not be available or may vary depending on different mobile phones.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.